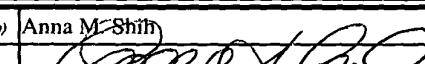


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|  |  |   |
|--|--|---|
| <b>UTILITY<br/>PATENT APPLICATION<br/>TRANSMITTAL</b><br><i>(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))</i> |  | Attorney Docket No. 67,108-015;Bi 29-18-2-5     |
|  |  | First Inventor or Application Identifier Qi BI  |
|  |  | Title METHOD OF SUPPORTING MULTIPLE SERVICE ... |
|  |  | Express Mail Label No. EV221421137US            |

|  |   |   |                |   |                |  |
|--|---|---|----------------|---|----------------|--|
| <b>APPLICATION ELEMENTS</b><br><i>See MPEP chapter 600 concerning utility patent application contents.</i>   |   | <b>ADDRESS TO:</b> Assistant Commissioner for Patents<br>Box Patent Application<br>Washington, DC 20231   |                |   |                |  |
| <p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17)<br/>(Submit an original and a duplicate for fee processing)</p> <p>2. <input checked="" type="checkbox"/> Specification [Total Pages 8 ]<br/>(preferred arrangement set forth below)</p> <ul style="list-style-type: none"> <li>- Descriptive title of the Invention</li> <li>- Cross References to Related Applications</li> <li>- Statement Regarding Fed sponsored R &amp; D</li> <li>- Reference to Microfiche Appendix</li> <li>- Background of the Invention</li> <li>- Brief Summary of the Invention</li> <li>- Brief Description of the Drawings (if filed)</li> <li>- Detailed Description</li> <li>- Claim(s)</li> <li>- Abstract of the Disclosure</li> </ul> <p>3. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 3 ]</p> <p>4. Oath or Declaration [Total Pages 5 ]</p> <ul style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> Newly executed (original or copy)</li> <li>b. <input type="checkbox"/> Copy from a prior application (37 C.F.R. § 1.63(d))<br/>(for continuation/divisional with Box 16 completed)           <ul style="list-style-type: none"> <li>i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b><br/>Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).</li> </ul> </li> </ul> |   | <p>5. <input type="checkbox"/> Microfiche Computer Program (Appendix)</p> <p>6. Nucleotide and/or Amino Acid Sequence Submission<br/>(if applicable, all necessary)</p> <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> Computer Readable Copy</li> <li>b. <input type="checkbox"/> Paper Copy (identical to computer copy)</li> <li>c. <input type="checkbox"/> Statement verifying identity of above copies</li> </ul> |                |   |                |  |
| <p><b>ACCOMPANYING APPLICATION PARTS</b></p> <p>7. <input checked="" type="checkbox"/> Assignment Papers (cover sheet &amp; document(s))</p> <p>8. <input type="checkbox"/> 37 C.F.R. § 3.73(b) Statement <input type="checkbox"/> Power of (when there is an assignee) <input type="checkbox"/> Attorney</p> <p>9. <input type="checkbox"/> English Translation Document (if applicable)</p> <p>10. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations</p> <p>11. <input type="checkbox"/> Preliminary Amendment</p> <p>12. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503)<br/>(Should be specifically itemized)</p> <ul style="list-style-type: none"> <li>* Small Entity <input type="checkbox"/> Statement filed in prior application, (PTO/SB/09-12) <input type="checkbox"/> Status still proper and desired</li> <li>13. <input type="checkbox"/> Certified Copy of Priority Document(s)<br/>(if foreign priority is claimed)</li> <li>14. <input type="checkbox"/> This application claims priority to</li> </ul> <p>15. <input type="checkbox"/> Other: Certificate of Express Mail</p>  |   |   |                |   |                |  |
| <p><b>*NOTE FOR ITEMS 1 &amp; 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).</b></p>   |   |   |                |   |                |  |
| <p>16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:</p> <p><input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No: _____ / _____</p> <p>Prior application information: Examiner _____ Group / Art Unit: _____</p> <p>For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.</p>   |   |   |                |   |                |  |
| <p><b>17. CORRESPONDENCE ADDRESS</b></p> <table border="1"> <tr> <td><input checked="" type="checkbox"/> Customer Number or Bar Code Label</td> <td>026096</td> <td>or <input type="checkbox"/> Correspondence address below<br/><i>(Insert Customer No. or Attach bar code label here)</i></td> </tr> </table>  |   |   |                | <input checked="" type="checkbox"/> Customer Number or Bar Code Label | 026096         | or <input type="checkbox"/> Correspondence address below<br><i>(Insert Customer No. or Attach bar code label here)</i> |
| <input checked="" type="checkbox"/> Customer Number or Bar Code Label  | 026096  | or <input type="checkbox"/> Correspondence address below<br><i>(Insert Customer No. or Attach bar code label here)</i>  |                |   |                |  |
| Name   | Anna M. Shih<br>Carlson, Gaskey & Olds, PC  |   |                |   |                |  |
| Address  | 400 West Maple Road, Suite 350  |   |                |   |                |  |
| City   | Birmingham  | State   | MI             | Zip Code  | 48009          |  |
| Country  | US  | Telephone   | (248) 988-8360 | Fax   | (248) 988-8363 |  |
| Name (Print/Type)  | Anna M. Shih  |   |                | Registration No. (Attorney/Agent)                                     | 36,372         |  |
| Signature  |  |   |                | Date  | July 10, 2003  |  |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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07/10/03



17236  
07/10/03  
U.S.  
PTO

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# FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 790.00)

## Complete if Known

|                      |                         |
|----------------------|-------------------------|
| Application Number   | To Be Assigned          |
| Filing Date          | Herewith                |
| First Named Inventor | Qi Bi                   |
| Examiner Name        | Unknown                 |
| Art Unit             | Unknown                 |
| Attorney Docket No.  | 67,108-015;Bi 29-18-2-5 |

## METHOD OF PAYMENT (check all that apply)

Check  Credit card  Money Order  Other  None

Deposit Account:

Deposit Account Number  
50-1482

Carlson, Gaskey &amp; Olds

The Commissioner is authorized to: (check all that apply)

Charge fee(s) indicated below  Credit any overpayments

Charge any additional fee(s) during the pendency of this application

Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING FEE

| Large Entity Fee Code (\$) | Fee | Small Entity Fee Code (\$) | Fee Description | Fee Paid               |
|----------------------------|-----|----------------------------|-----------------|------------------------|
| 1001                       | 750 | 2001                       | 375             | Utility filing fee     |
| 1002                       | 330 | 2002                       | 165             | Design filing fee      |
| 1003                       | 520 | 2003                       | 260             | Plant filing fee       |
| 1004                       | 750 | 2004                       | 375             | Reissue filing fee     |
| 1005                       | 160 | 2005                       | 80              | Provisional filing fee |
| SUBTOTAL (1)               |     |                            |                 | (\$ 750.00)            |

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| Total Claims       | 13 | -20** = | X 18 | = 0 |
|--------------------|----|---------|------|-----|
| Independent Claims | 2  | - 3** = | X 84 | = 0 |
| Multiple Dependent |    |         |      |     |

| Large Entity Fee Code (\$) | Fee | Small Entity Fee Code (\$) | Fee Description | Fee Paid   |
|----------------------------|-----|----------------------------|-----------------|--|
| 1202                       | 18  | 2202                       | 9               | Claims in excess of 20                                     |
| 1201                       | 84  | 2201                       | 42              | Independent claims in excess of 3                          |
| 1203                       | 280 | 2203                       | 140             | Multiple dependent claim, if not paid                      |
| 1204                       | 84  | 2204                       | 42              | ** Reissue independent claims over original patent         |
| 1205                       | 18  | 2205                       | 9               | ** Reissue claims in excess of 20 and over original patent |
| SUBTOTAL (2)               |     |                            |                 | (\$ 0.00)  |

\*\*or number previously paid, if greater; For Reissues, see above

## 3. ADDITIONAL FEES

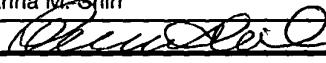
Large Entity Small Entity

| Fee Code (\$) | Fee (\$) | Fee Code (\$) | Fee (\$) | Fee Description  | Fee Paid |
|---------------|----------|---------------|----------|--|----------|
| 1051          | 130      | 2051          | 65       | Surcharge - late filing fee or oath  |          |
| 1052          | 50       | 2052          | 25       | Surcharge - late provisional filing fee or cover sheet                     |          |
| 1053          | 130      | 1053          | 130      | Non-English specification  |          |
| 1812          | 2,520    | 1812          | 2,520    | For filing a request for ex parte reexamination                            |          |
| 1804          | 920*     | 1804          | 920*     | Requesting publication of SIR prior to Examiner action                     |          |
| 1805          | 1,840*   | 1805          | 1,840*   | Requesting publication of SIR after Examiner action                        |          |
| 1251          | 110      | 2251          | 55       | Extension for reply within first month                                     |          |
| 1252          | 410      | 2252          | 205      | Extension for reply within second month                                    |          |
| 1253          | 930      | 2253          | 465      | Extension for reply within third month                                     |          |
| 1254          | 1,450    | 2254          | 725      | Extension for reply within fourth month                                    |          |
| 1255          | 1,970    | 2255          | 985      | Extension for reply within fifth month                                     |          |
| 1401          | 320      | 2401          | 160      | Notice of Appeal   |          |
| 1402          | 320      | 2402          | 160      | Filing a brief in support of an appeal                                     |          |
| 1403          | 280      | 2403          | 140      | Request for oral hearing   |          |
| 1451          | 1,510    | 1451          | 1,510    | Petition to institute a public use proceeding                              |          |
| 1452          | 110      | 2452          | 55       | Petition to revive - unavoidable   |          |
| 1453          | 1,300    | 2453          | 650      | Petition to revive - unintentional   |          |
| 1501          | 1,300    | 2501          | 650      | Utility issue fee (or reissue)   |          |
| 1502          | 470      | 2502          | 235      | Design issue fee   |          |
| 1503          | 630      | 2503          | 315      | Plant issue fee  |          |
| 1460          | 130      | 1460          | 130      | Petitions to the Commissioner  |          |
| 1807          | 50       | 1807          | 50       | Processing fee under 37 CFR 1.17(q)  |          |
| 1806          | 180      | 1806          | 180      | Submission of Information Disclosure Stmt                                  |          |
| 8021          | 40       | 8021          | 40       | Recording each patent assignment per property (times number of properties) | 40.00    |
| 1809          | 750      | 2809          | 375      | Filing a submission after final rejection (37 CFR 1.129(a))                |          |
| 1810          | 750      | 2810          | 375      | For each additional invention to be examined (37 CFR 1.129(b))             |          |
| 1801          | 750      | 2801          | 375      | Request for Continued Examination (RCE)                                    |          |
| 1802          | 900      | 1802          | 900      | Request for expedited examination of a design application                  |          |

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 40.00)

| SUBMITTED BY      |   | (Complete if applicable)          |               |                          |
|-------------------|---|-----------------------------------|---------------|--------------------------|
| Name (Print/Type) | Anna M. Shih  | Registration No. (Attorney/Agent) | 36,372        | Telephone (248) 988-8360 |
| Signature         |  | Date                              | July 10, 2003 |                          |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

**UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Bi, et al.

Serial No.: Herewith

Filed: Herewith

Title: METHOD OF SUPPORTING MULTIPLE SERVICE LEVELS IN A WIRELESS DATA NETWORK

Attorney Docket No.: 67,108-015; Bi 29-18-2-5

**EXPRESS MAIL CERTIFICATE**

"Express Mail" Label Number: EV221421137US

Date of Deposit: July 10, 2003

I hereby certify that the attached documents or fees are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and are addressed to "Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450".

Beth A. Beard

(Typed or printed name of person mailing paper or fee)



(Signature of person mailing paper or fee)